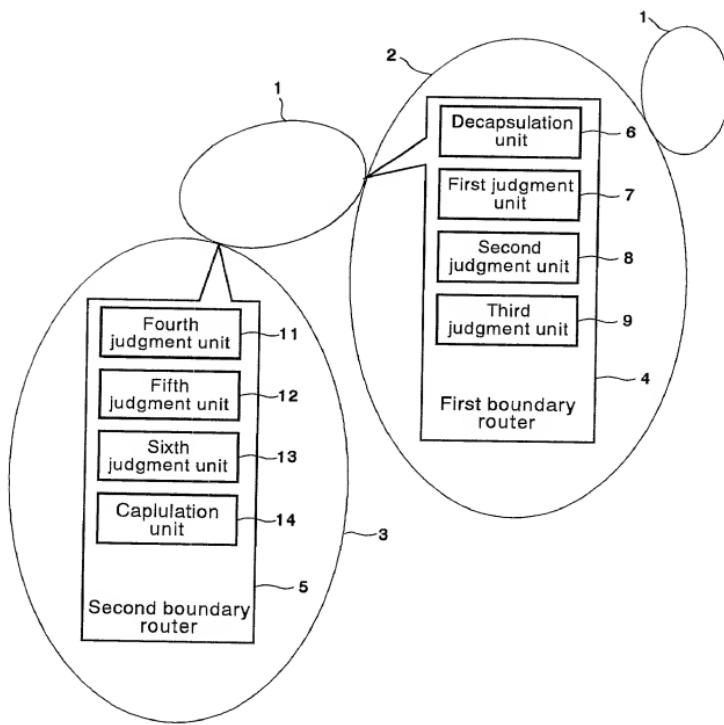
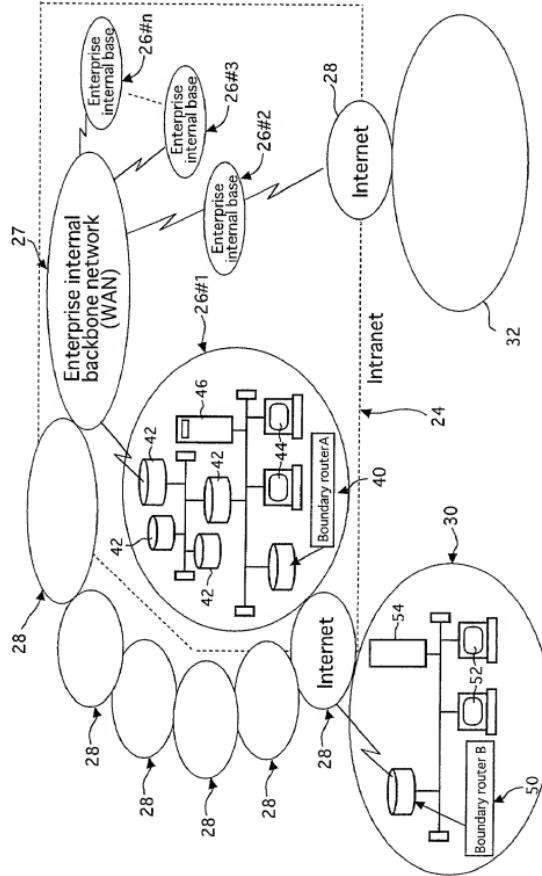


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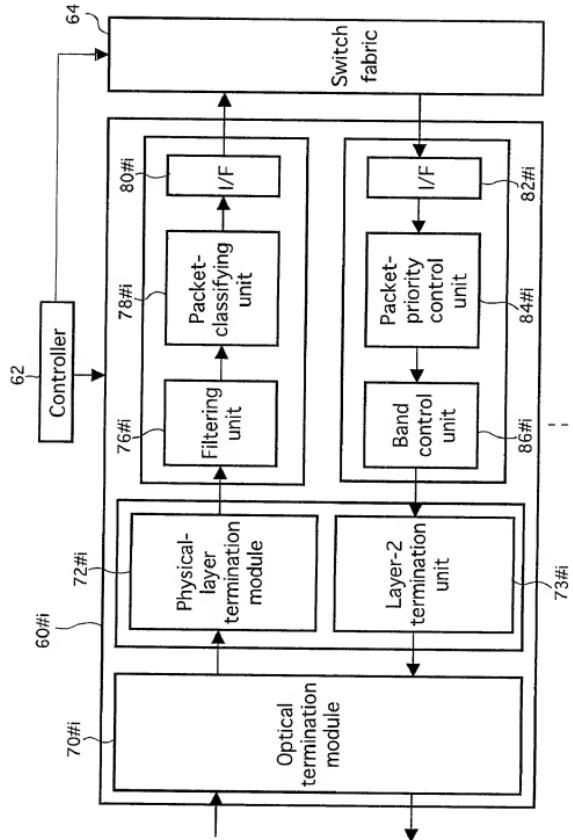
# FIG. 1



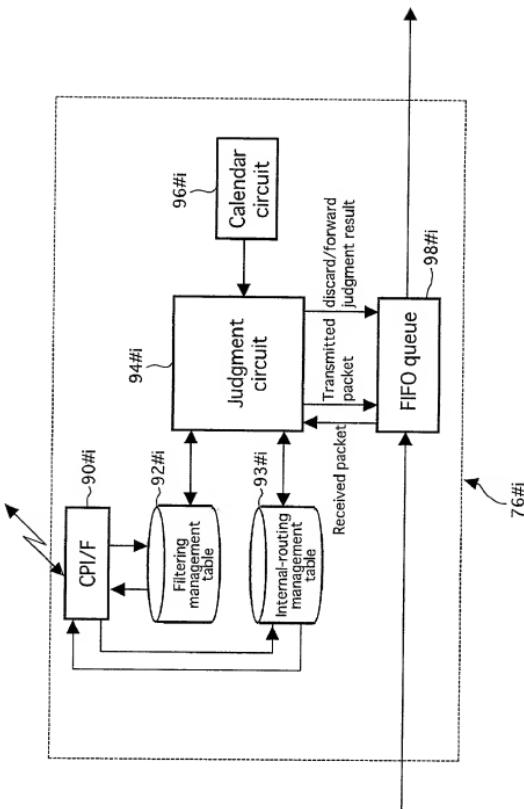
## FIG. 2



## F | G . 3



## F | G. 4

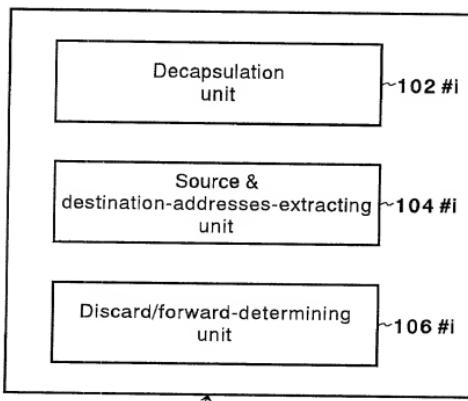


F I G. 5

Entry#	IP address (Source)	Open-network time	Blocked-network time
1	139.40.0.0/16	21:00	6:00
⋮	⋮	⋮	⋮

↑  
92#i

F I G. 6



94#i

FIG. 7

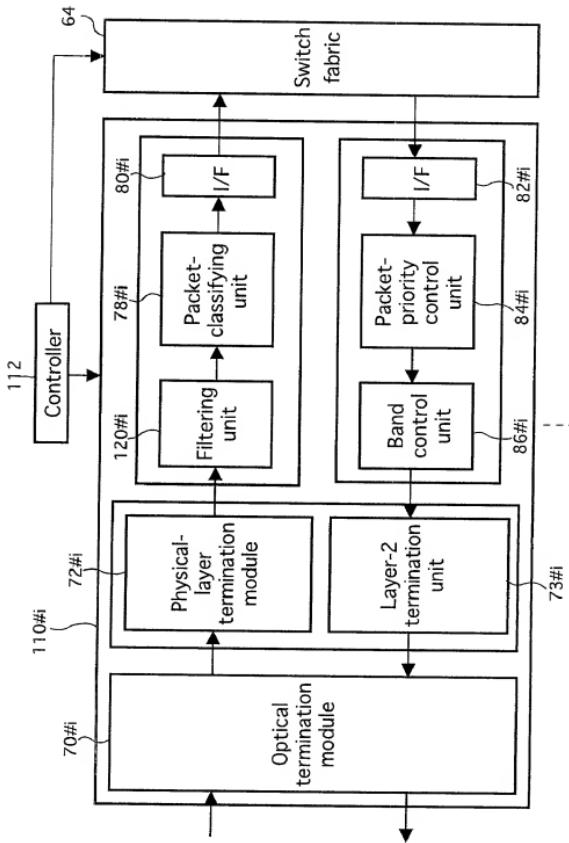
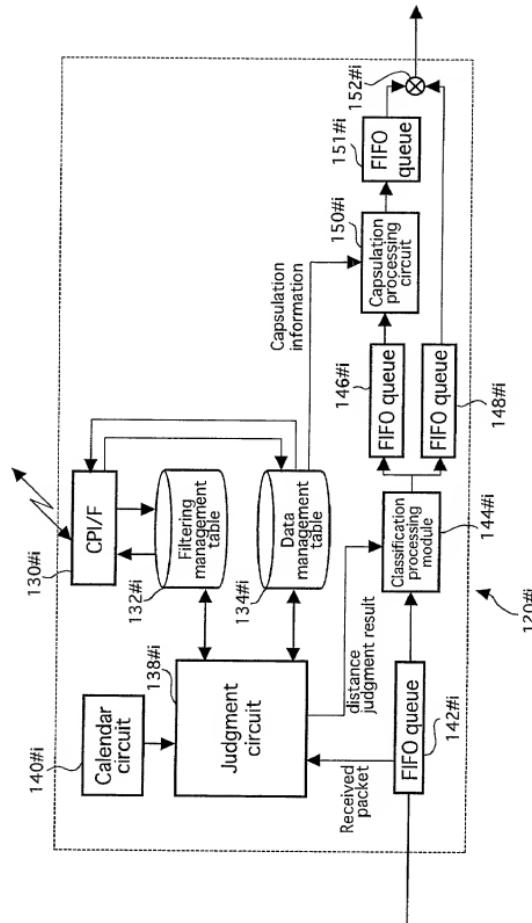


FIG. 8



# FIG. 9

Entry#	IP address (Destination)	Distance *	-----
1	204.70.0.0	On	
.....	.....	.....	.....

↑  
134 #i

\* On : Long distance  
Off : Short distance

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# FIG. 10

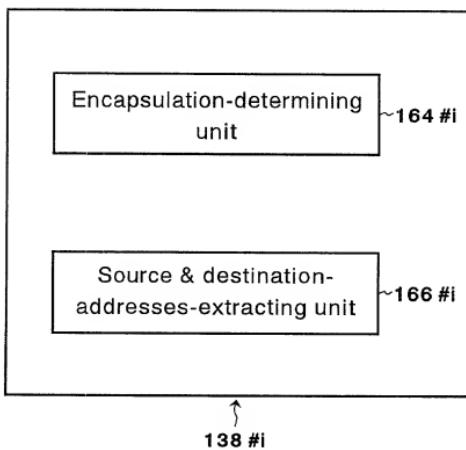
Transmission-destination IP address	TOS	IHL	-----
150.34.10.9	0	5	
.....	.....	.....	.....

↑  
130 #i

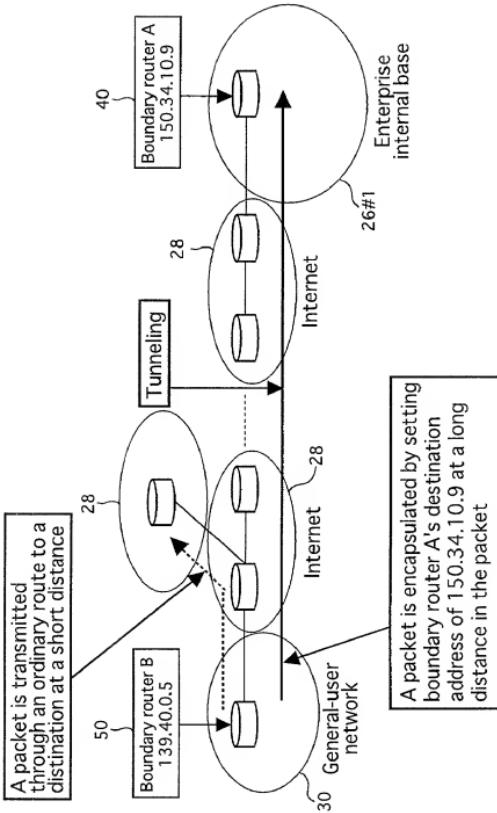
TOS ; Type of Service  
IHL ; Internet Header Length

# FIG. 11

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## FIG. 12



F - G.  
1 3

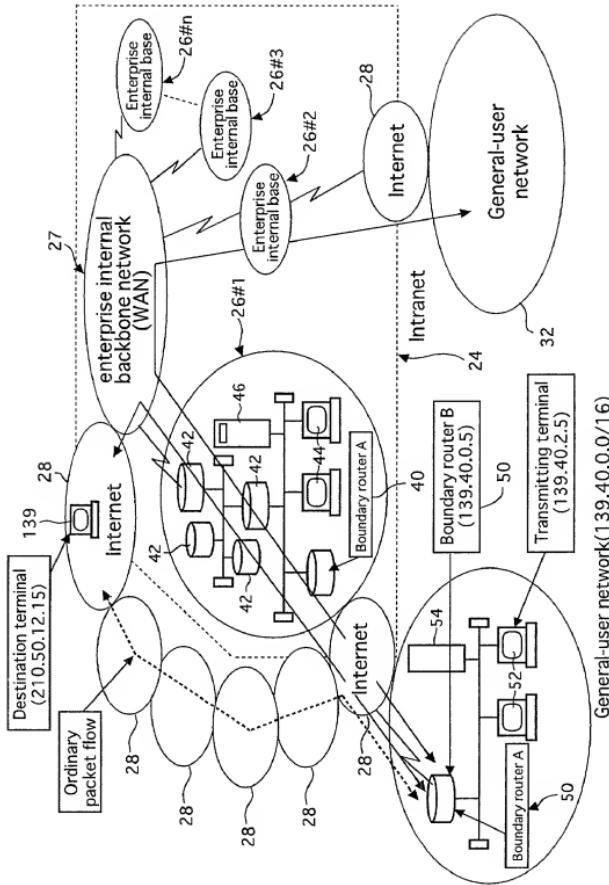


FIG. 14

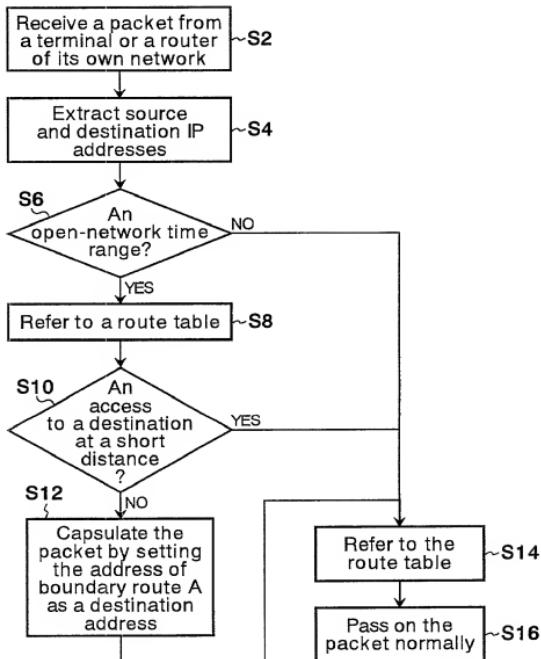
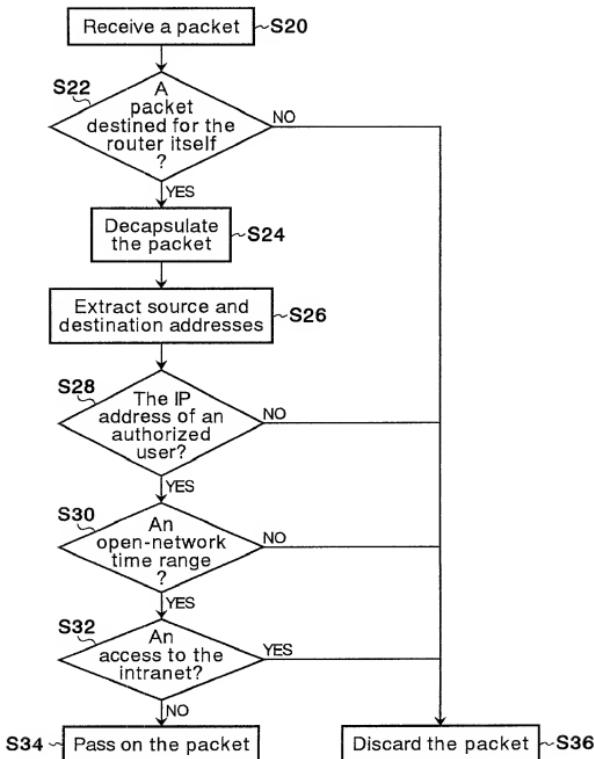
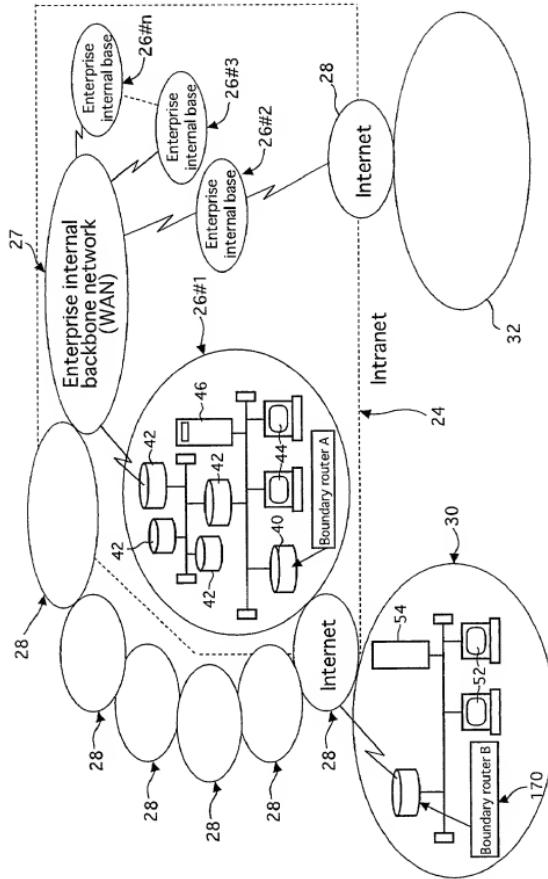


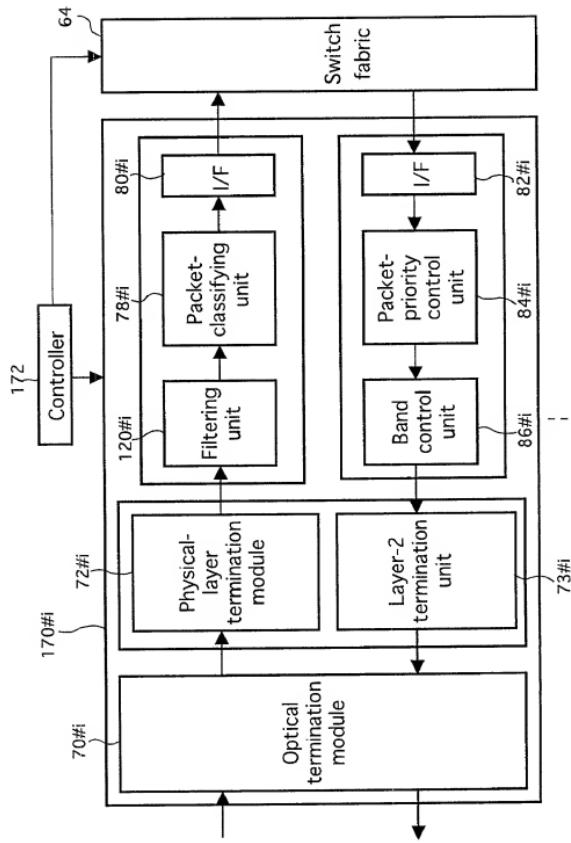
FIG. 15



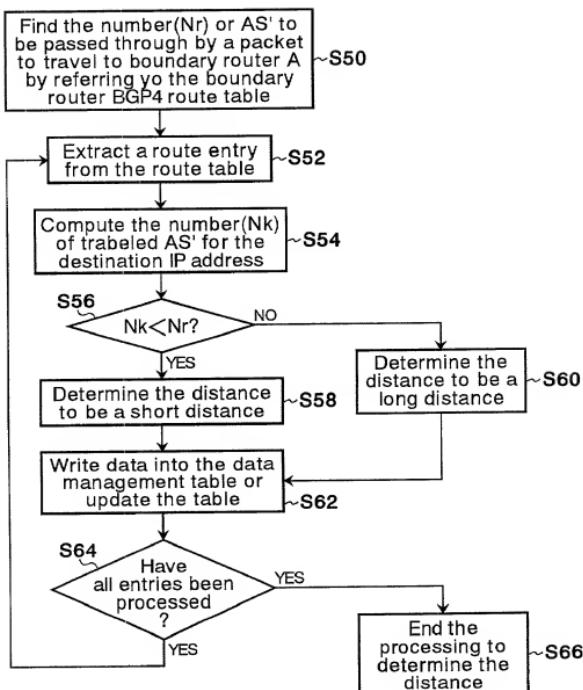
# FIG. 16



## FIG. 17

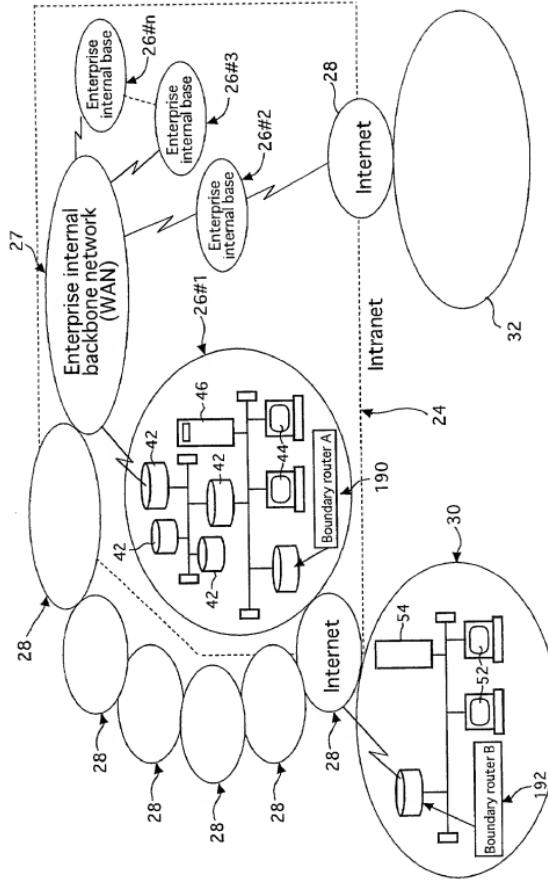


## F I G. 1 8



AS(Autonomous System) : Single management domain

## F I G . 1 9



# F I G. 20

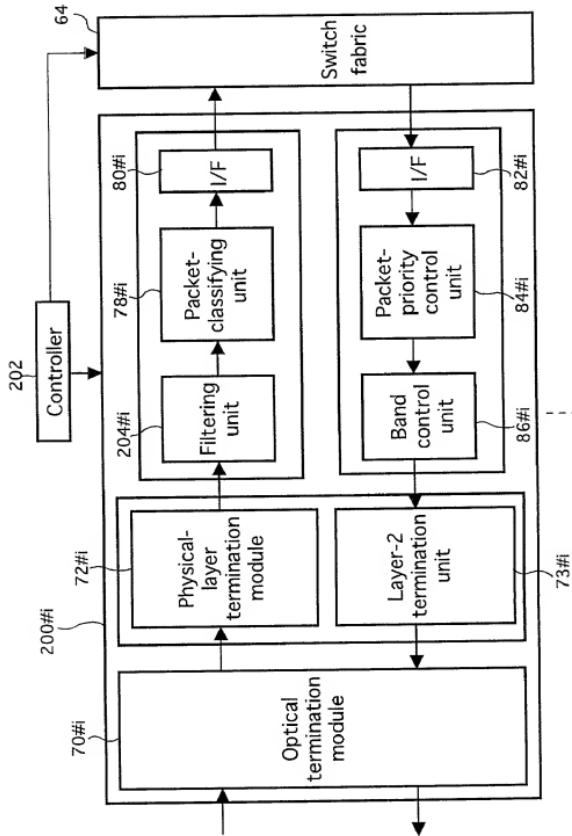
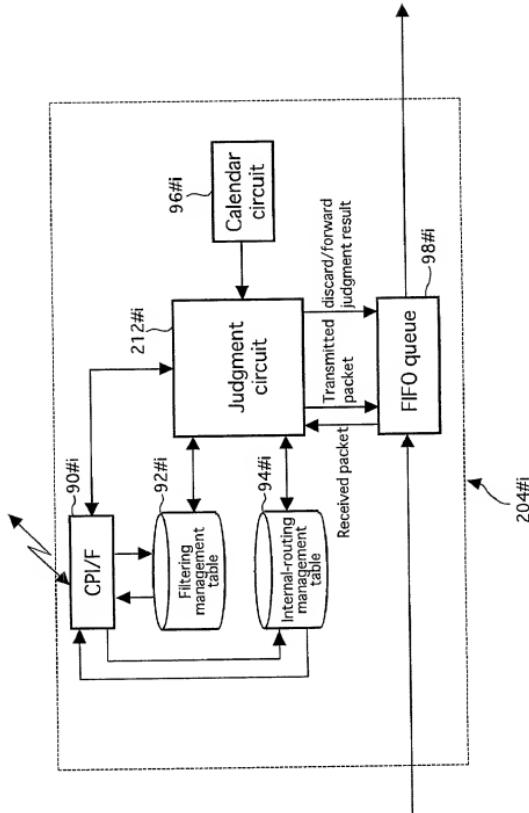
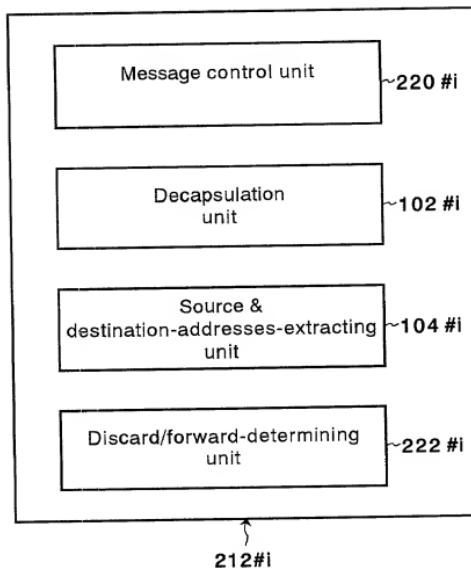


FIG. 21



# FIG. 22

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# F I G. 2 3

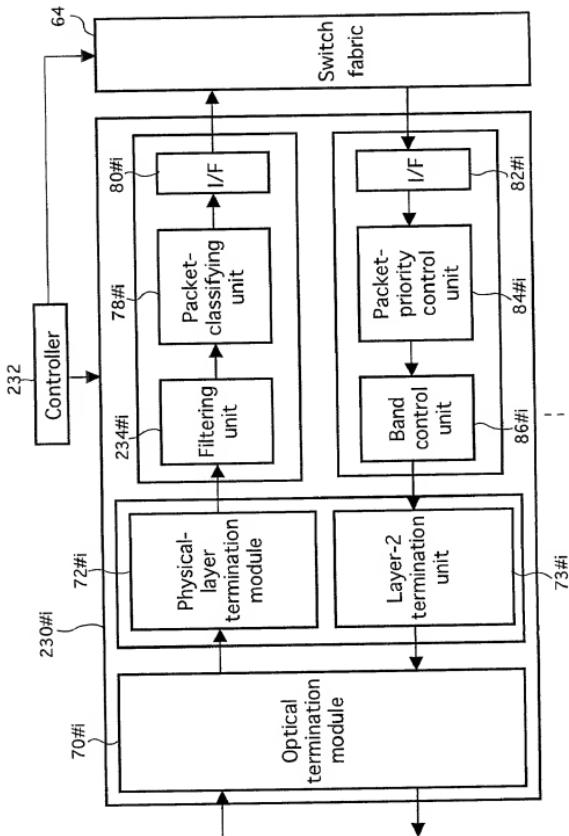
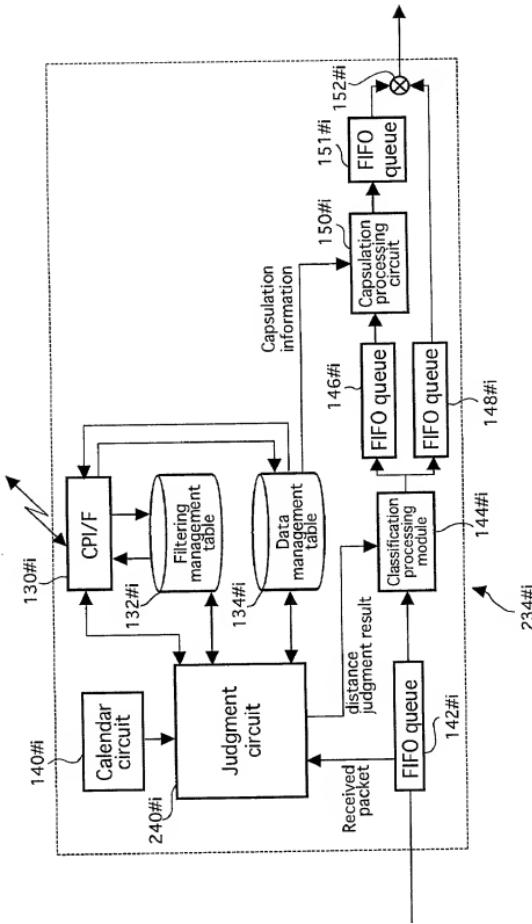
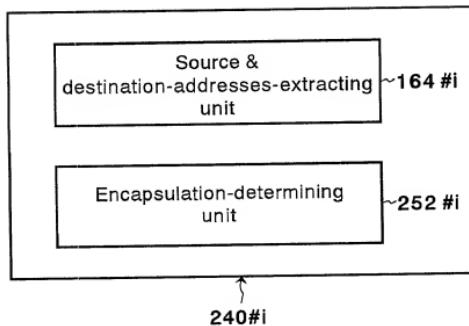


FIG. 24



### FIG. 25



0935478360

F I G. 2 6

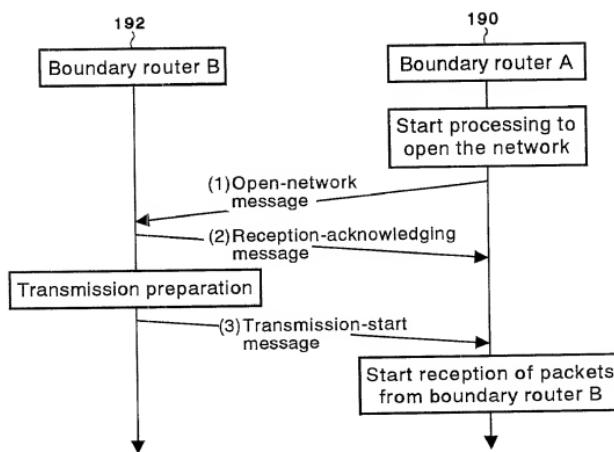


FIG. 27

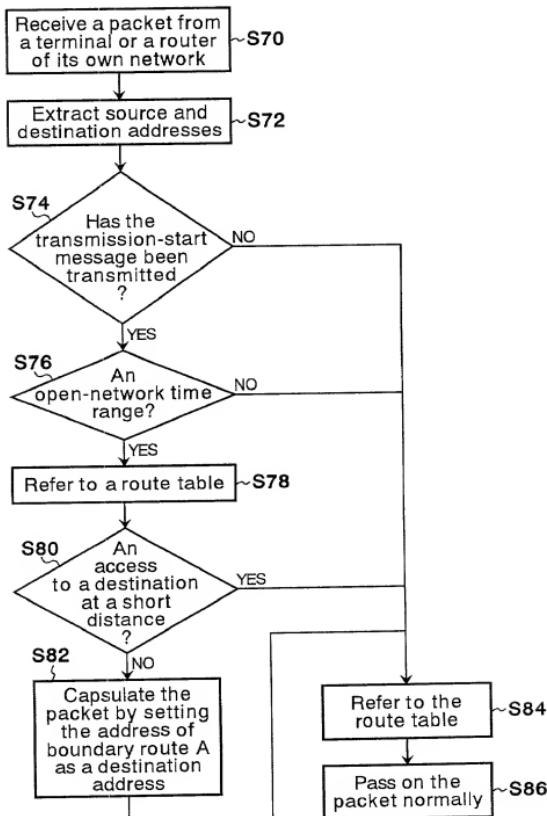


FIG. 28

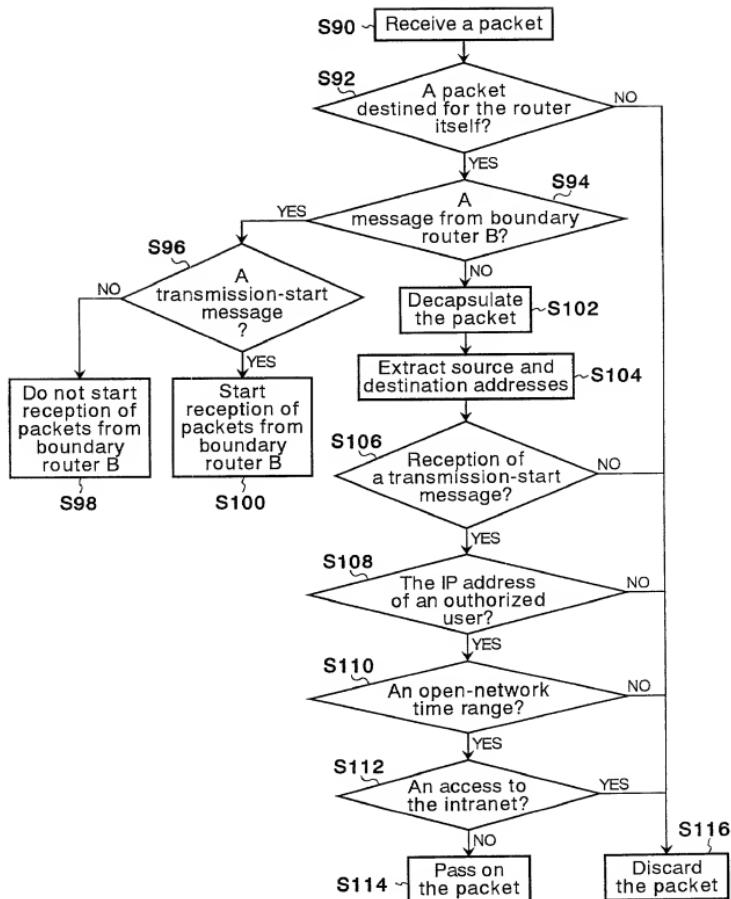
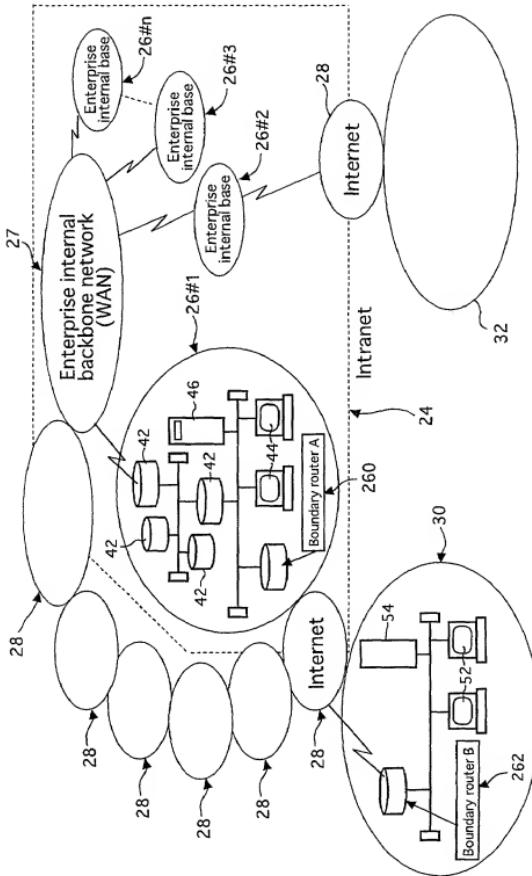
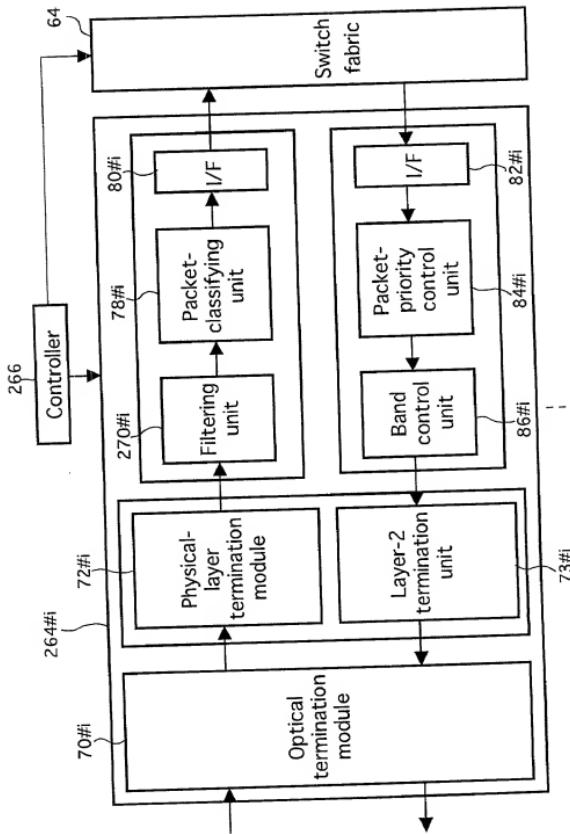


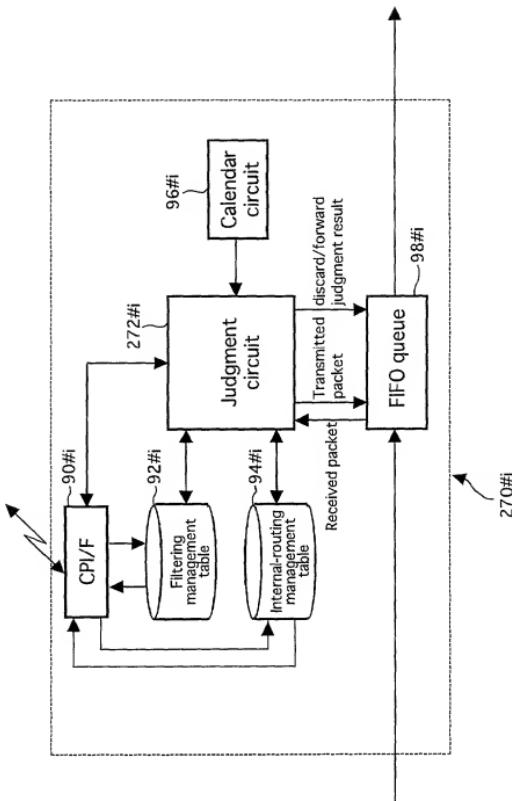
FIG. 29



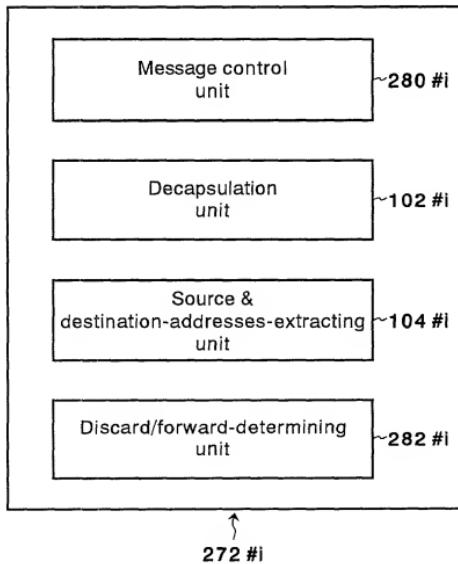
## FIG. 30



# FIG. 31

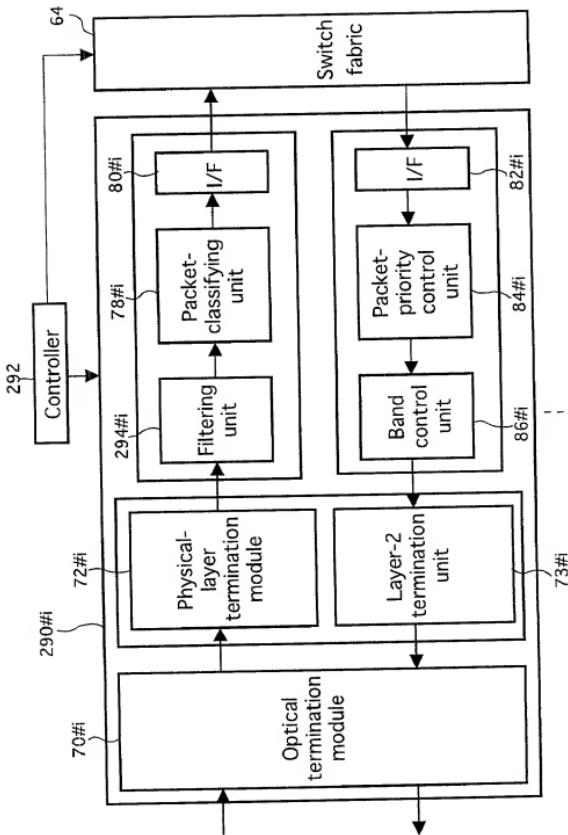


# FIG. 32

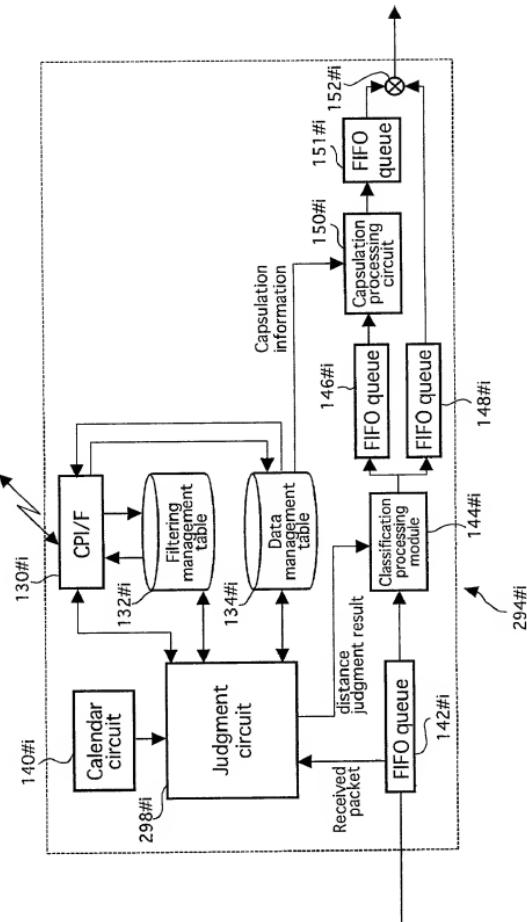


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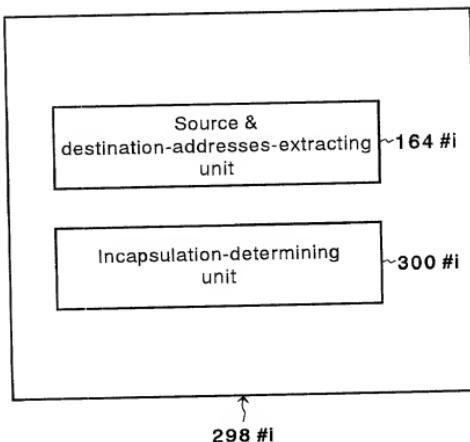
# F I G. 3 3



# F I G. 34



# FIG. 35



# FIG. 36

10001018551860

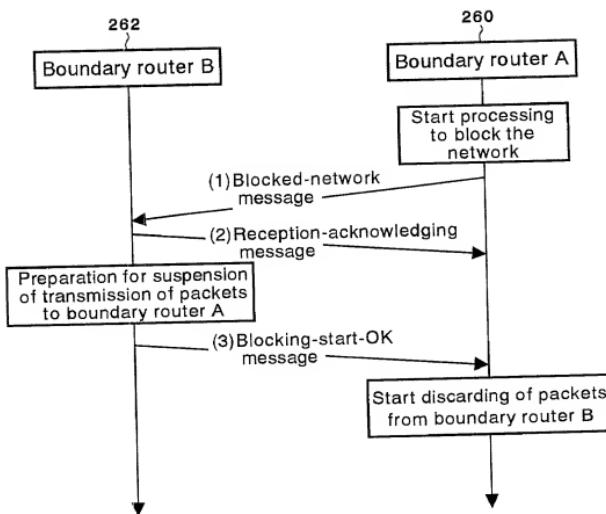
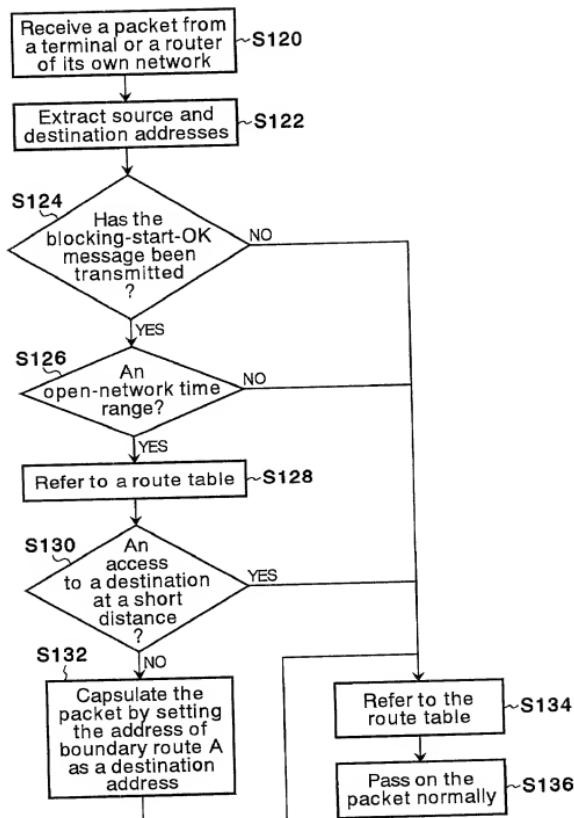
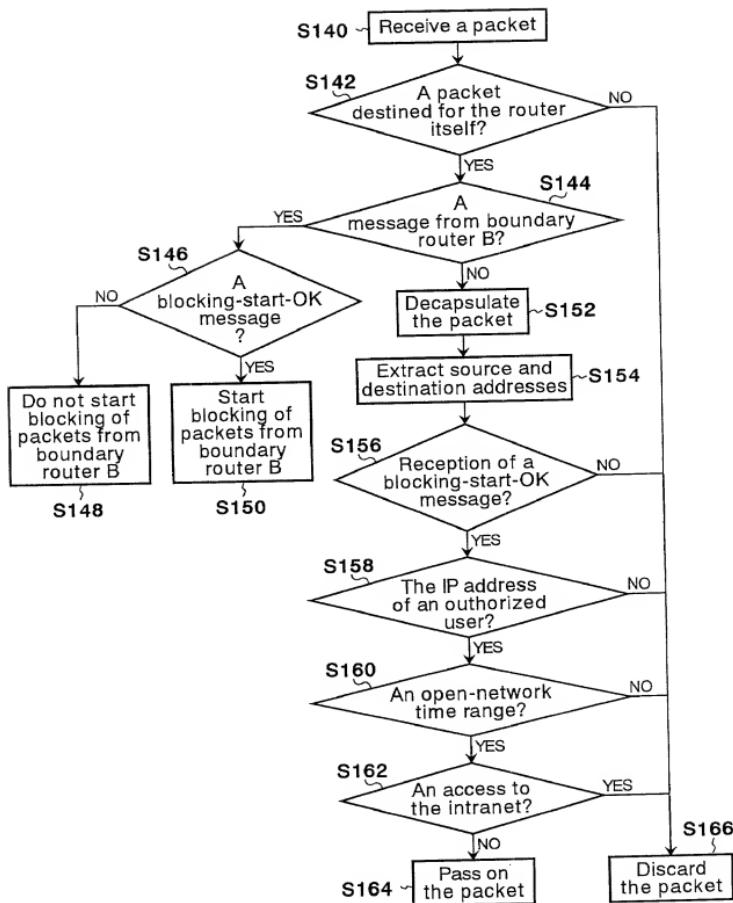


FIG. 37



F I G. 38



## FIG. 39

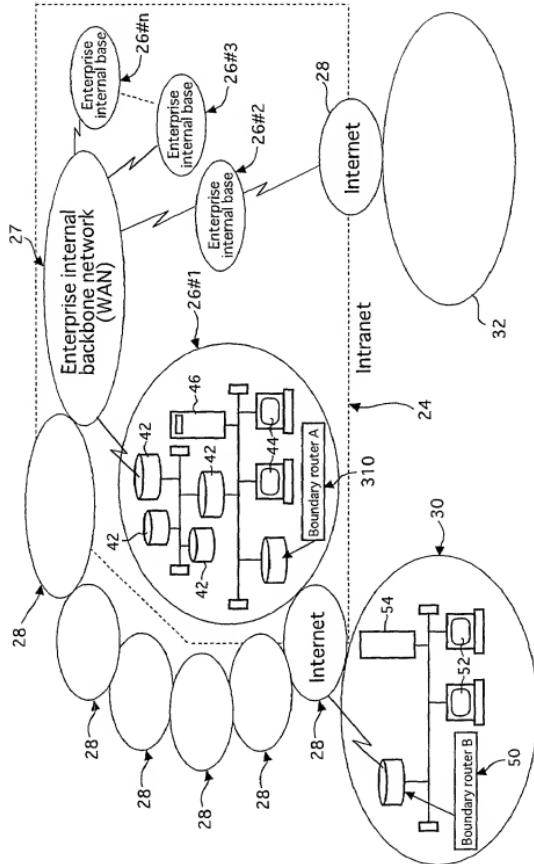
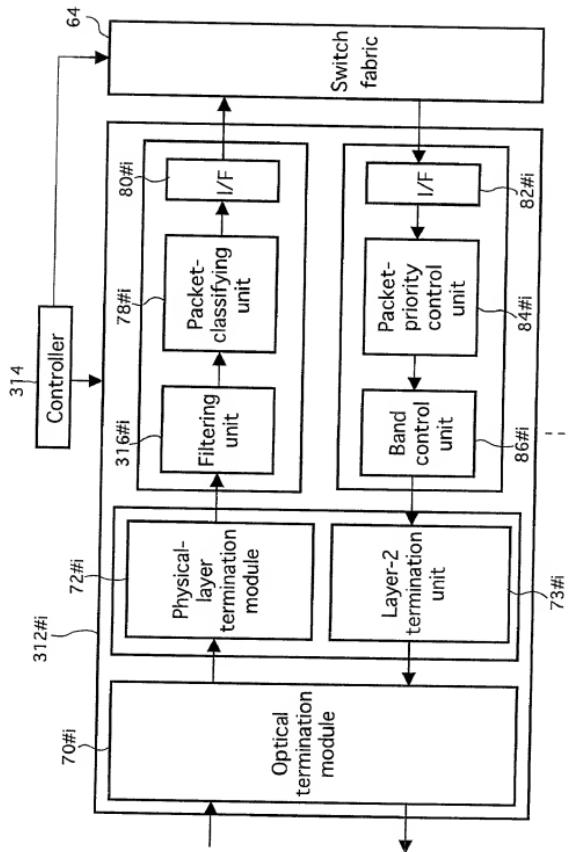
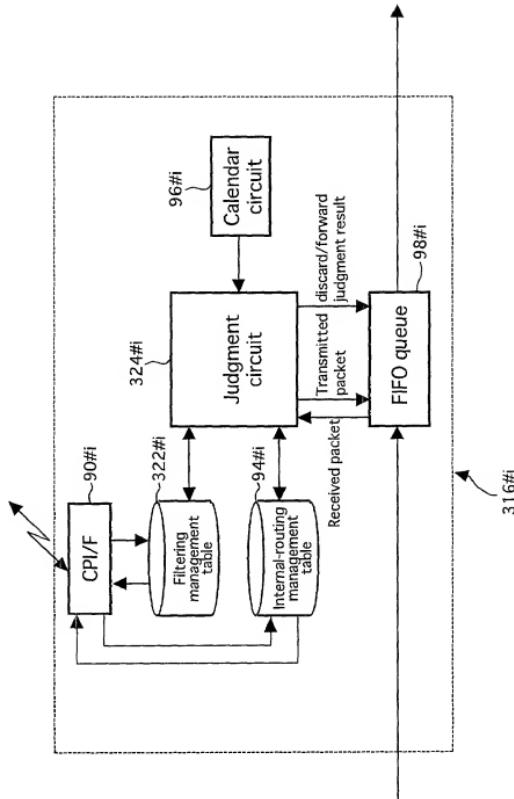


FIG. 40



## FIG. 4.1

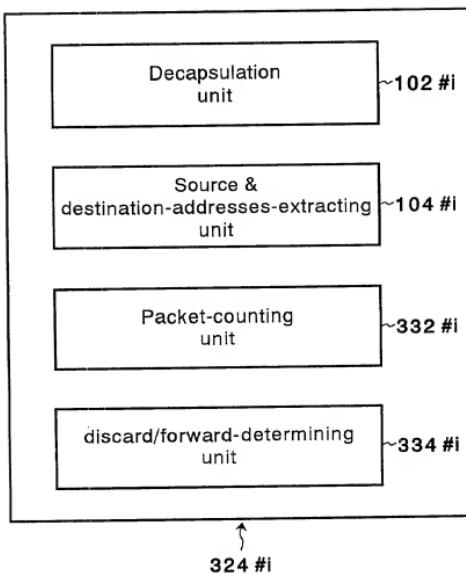


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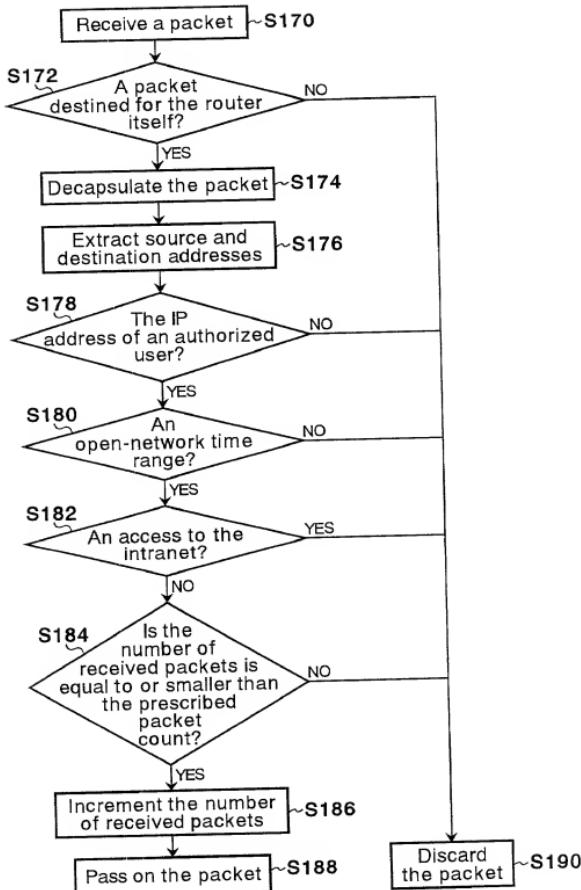
FIG. 42

Entry#	IP address (Source)	Open-network time	Blocked- network time	Predetermined packet count	The number of transmitted packets
1	139.40.0.0/16	21:00	6:00		

# FIG. 4 3

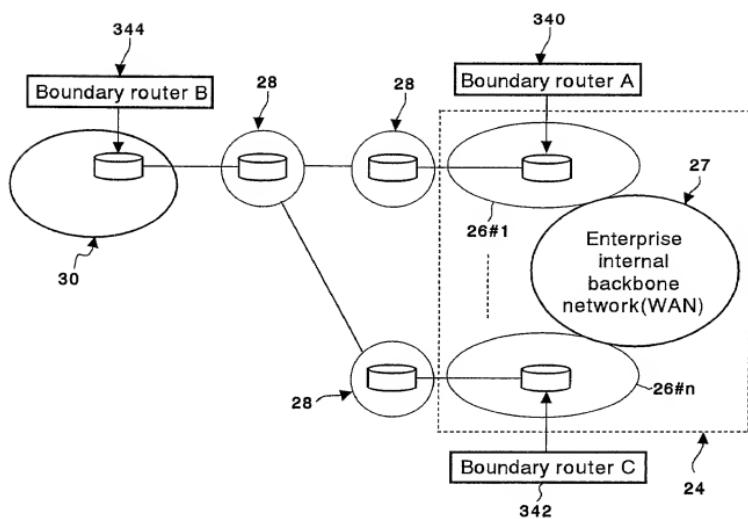


F I G . 4 4



F I G . 4 5

100240-T8551860



## FIG. 46

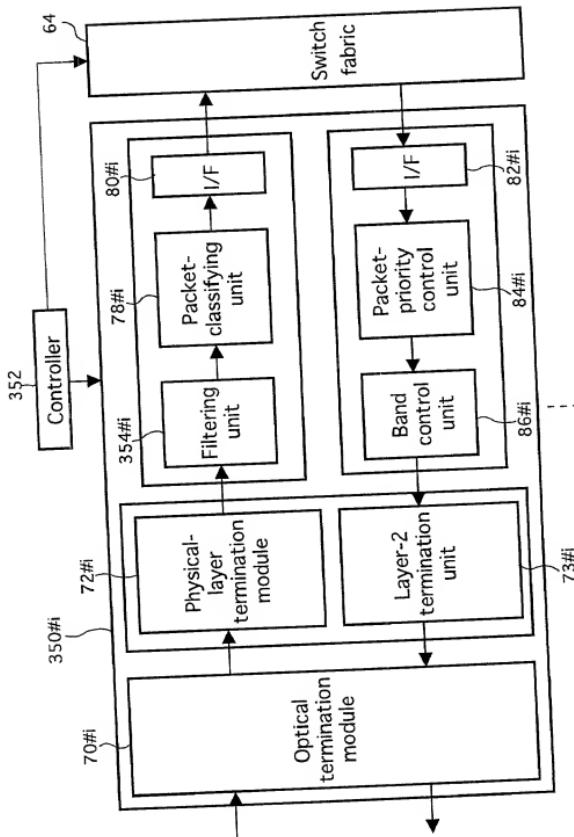
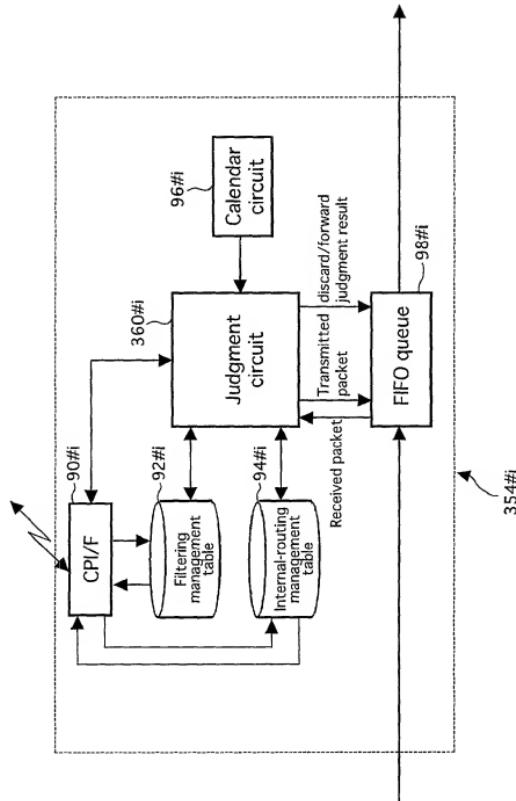
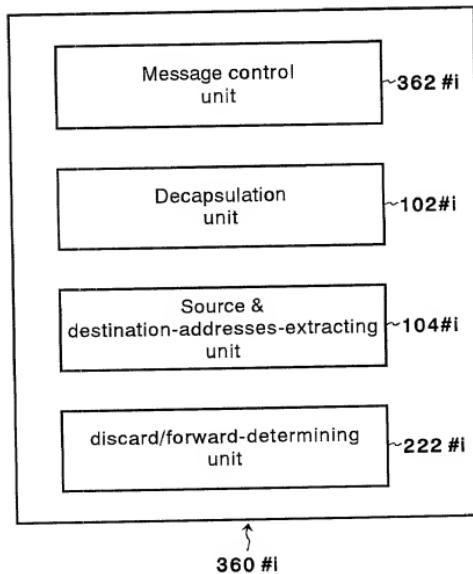


FIG. 47

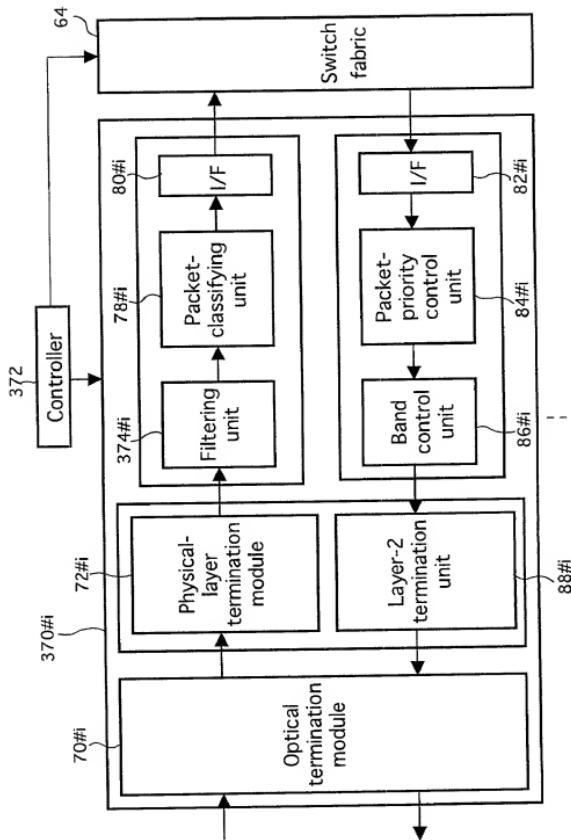


# FIG. 48

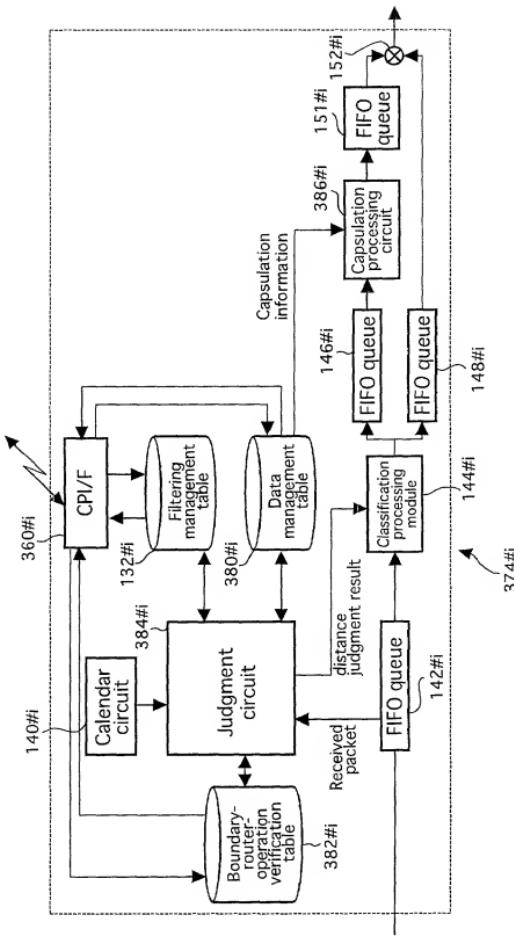
TOOE40 "T8557860



## F I G. 49



## FIG. 50



# FIG. 5 1

Transmission-destination IP address	TOS	IHL	-----
150.34.10.9	0	5	
151.24.15.3	0	5	
⋮	⋮	⋮	

380#i

} Boundary router A  
} Boundary router C

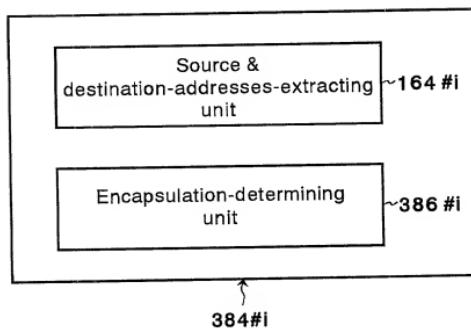
# FIG. 5 2

Boundary-router IP address	ACT/NON-ACT
150.34.10.9	
151.24.15.3	
⋮	⋮
⋮	⋮

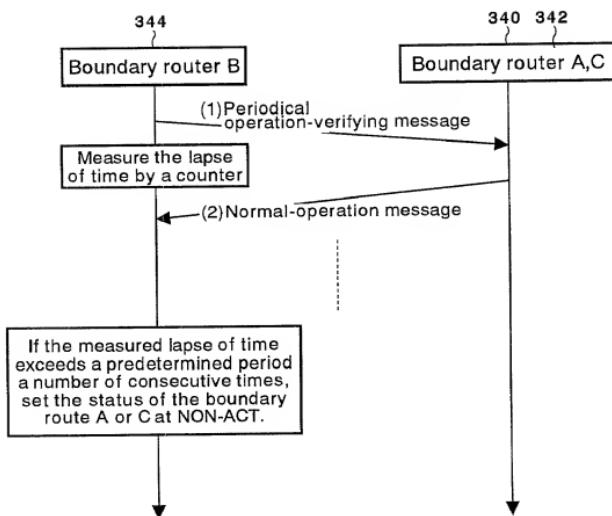
380#i

} Boundary router A  
} Boundary router C

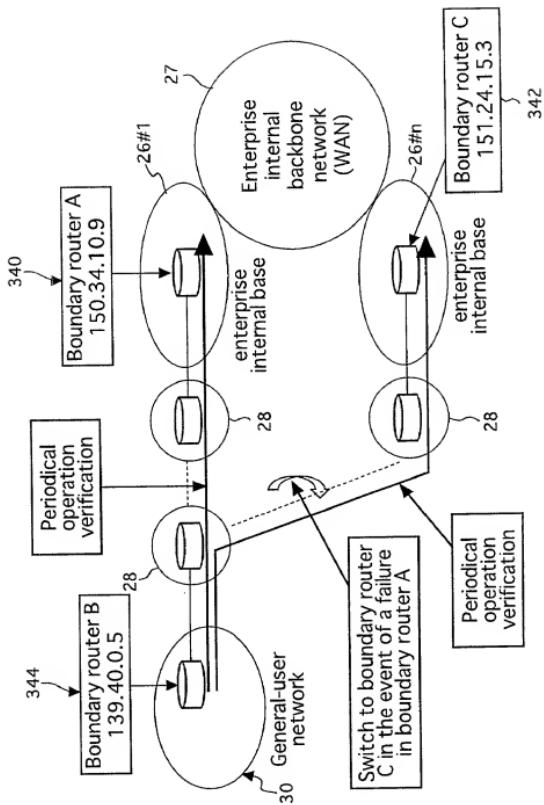
# FIG. 53



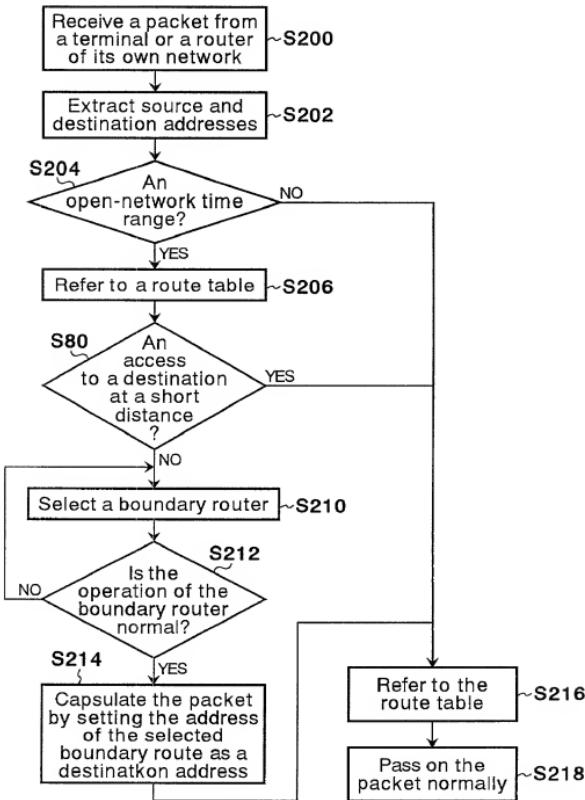
F I G . 5 4



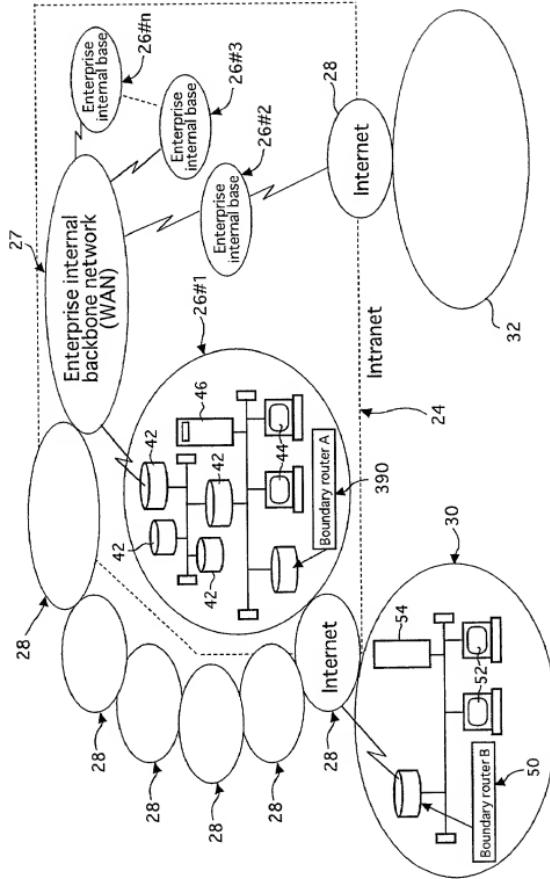
# FIG. 55



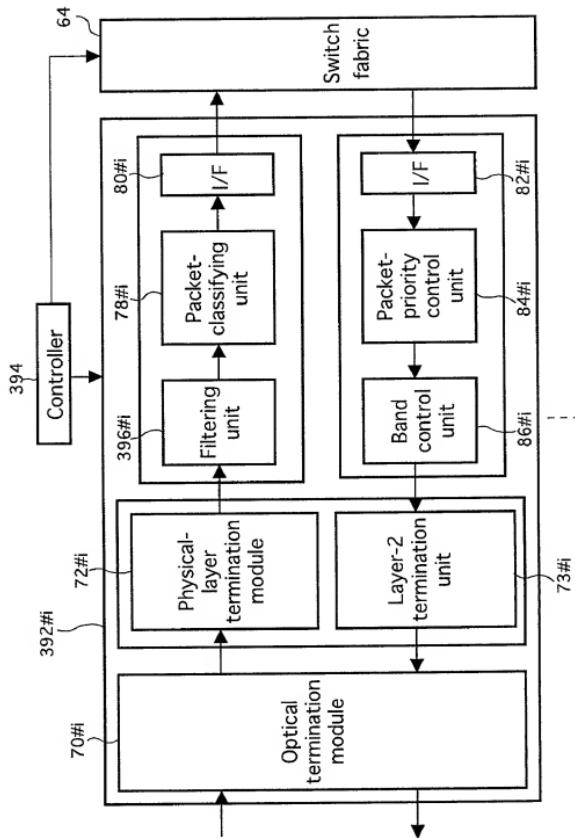
F I G. 56



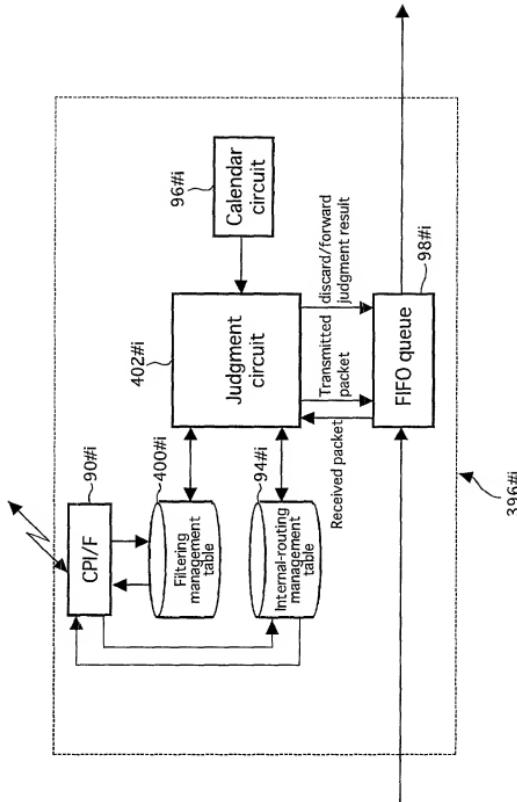
## FIG. 57



## FIG. 58



# F I G. 59

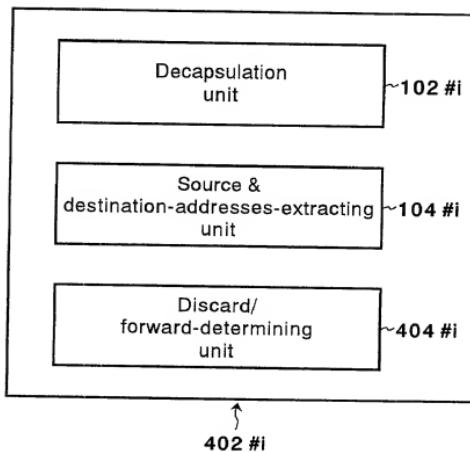


## FIG. 60

Entry#	IP address (Source)	User category	Open-network time	Blocked-network time
1	139.40.0.0/16	Preferential treated	—	—
2	139.40.0.0/16	Ordinary	21:00	6:00

↑  
400 #i

## FIG. 61



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F I G . 6 2

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